ABSTRACT OF THE DISCLOSURE

An apparatus comprising a storage device which stores information concerning first objects to be reused and second objects to be recycled, and

5   a modeling device which performs life cycle modeling. The life cycle modeling includes reading information concerning the first objects and the second objects that configure a product from the storage device, selecting some of the first and second objects which

10   are diverted to a new product from a recovery product using the information, and combining selected ones of the first and second objects to fabricate the new product to generate a life cycle model.